adesso

Mobile CI/CD

description_

Commonly known as continuous integration and continuous delivery, CI and CD act as guiding principles that improve the productivity, reliability, quality, and performance of your mobile project. As a result, your mobile developers can begin testing earlier, do more frequent deployments with a lower failure rate, and turn customer suggestions into real app features sooner. Without a mobile CI/CD configuration, your app development can suffer from productivity loss due to slow, error-prone, irregular, and unsynchronized delivery.

adesso's mobile CI/CD pipeline keeps your app developers updated about the latest changes on test and live releases with a detailed changelog of pipelined versions. Furthermore, a seamless integration with messaging tools creates transparency between team members and eliminates confusion about version changes.

Speeding up app release cycles for a better ROI overall, mobile CI/CD can reduce up to 20% of app development time through the automation of repetitive tasks, such as creating required certificates

or automatically repairing broken and expired credentials. Your mobile developers do not waste valuable time on maintenance, so they can focus on coding and their primary objectives.

A well-optimized mobile CI/CD pipeline increases mobile developer independence, which means better job satisfaction for your whole team. An invaluable best practice, many companies today use the advantage of mobile CI/CD integration to boost their performance. adesso can help you be the next one.

Service Metrics

Effort	: 15-25 Person/Day
Duration	: 2-4 Weeks
Team structure	: 1 Mobile Architect | 1 DevOps Engineer

Tooling

Fastlane | Jenkins | Azure DevOps | App Center

motivations_

▸ Time-consuming repetitive tasks in mobile app development

▸ Wasted time due to longer build processes

▸ Key person dependency

▸ Lack of transparency, quality, and lint checks

deliverables_

▸ Initial status report and requirements assessment

▸ Time-saving automated mobile CI/CD pipelines

▸ Defined quality gates

▸ Detailed documentation (mobile pipelines, automation, configuration, and more)

▸ Hands-on training with a perspective on culture change

prerequisites_

▸ Basic knowledge of CI/CD tools

▸ Repository access

references_

▸ PepsiCo

▸ Philip Morris International

▸ adconnect

▸ Pudo

▸ Ticimax

contacts_

Fırat Yaşar
Head of Engineering
DevOps & Data
firat.yasar@adesso.com.tr

Baha Uluğ
Technology Head of Mobile
baha.ulug@adesso.com.tr